



Product Notes for the Sun StorEdge™ L180

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Product Notes for the Sun StorEdge™ L180

Product Notes for the Sun StorEdge L180 presents information that is unique to the Sun StorEdge™ L180 tape library. The information contained herein replaces equivalent information found in the document published by Storage Technology Corporation (StorageTek, STK) and provided with the L180 (*L180 Tape Library: Installation Manual*, Document 95896).

Ordering Documents

The Sun StorEdge L180 tape library is manufactured by Storage Technology Corporation. Storage Technology provides all of the basic product documents.

TABLE 1 L180 Tape Library Documents

Document Title	Part Number
<i>L180 Tape Library General Information Manual</i>	MT4012A
<i>L180 Tape Library Illustrated Parts Catalog</i>	95898
<i>L180 Tape Library Operator's Guide</i>	95895
<i>L180 Tape Library Service Manual</i>	95897
<i>L180 Tape Library System Assurance Guide</i>	MT5009
<i>L180 SCSI Reference Manual</i>	95869

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Product Features

Note – Sun Microsystems offers one StorEdge L180 base model with a capacity of 74 cartridges. The Cartridge Upgrade Option increases the capacity by an additional 96 cartridges. The base model does not include any drives. Each drive must be ordered as a 9840 Drive Option or as a DLT 7000 Drive Option.

Each Sun StorEdge L180 system features the following:

- Base model with 74-cartridge capacity and no drives
- Second power supply
- Second power distribution unit
- Horizon Library Monitor software enabled

Supported Options

TABLE 2 Sun StorEdge L180 Supported Options

Option	Description
Cartridge Upgrade Option	<ul style="list-style-type: none">• Adds an additional capacity of 96 cartridges
9840 Drive Option*	<ul style="list-style-type: none">• 9840 tape drive (up to 6 drives in one L180 tape library)
Media Startup Option	<ul style="list-style-type: none">• One hundred 9840 data cartridges• Five 9840 cleaning cartridges• One package of 200 labels
9840 Media Option	<ul style="list-style-type: none">• Twenty 9840 data cartridges
9840 Cleaning Cartridge Option	<ul style="list-style-type: none">• Five 9840 cleaning cartridges
DLT 7000 Drive Option*	<ul style="list-style-type: none">• DLT 7000 tape drive (up to 10 drives in one L180 tape library)
L180/L700 Media Magazine Option	<ul style="list-style-type: none">• One L180/L700 media magazine

* A minimum of one (1) 9840 Drive Option or DLT 7000 Drive Option must be ordered with each Sun StorEdge L180 system.

External Cable Selection

SCSI Cables

Standard Lengths

- 3 meters
- 12 meters
- 21 meters

Plenum (Non-toxic and Heat Resistant)

- 12 meters
- 21 meters

Optional Cables

TABLE 3 SCSI Cables: 68MD-68MD

STK Part Number	Description	Length (Meters)
10083309	SCSI CBL,68MD-68MD,3M	3
10083376	SCSI CBL,68MD-68MD,12M	12
10083312	SCSI CBL,68MD-68MD,21M	21
Plenum		
10083381	SCSI CBL,68MD-68MD,12M,P	12
10083316	SCSI CBL,68MD-68MD,21M,P	21

TABLE 4 SCSI Cables: 68MD-68VHDCI

STK Part Number	Description	Length (Meters)
10083594	SCSI CBL,68MD-68VHDCI,3M	3
10083596	SCSI CBL,68MD-68VHDCI,12M	12
Not Yet Available	SCSI CLB,68MD-68VHDCI,21M	21

Supported Host System Configurations

TABLE 5 Host System Requirements

System Component	Requirement
Operating Environment	Solaris™ 6 and 7 with patches for SPARC CPUs: <ul style="list-style-type: none"> • Solaris 6 with patch 105847-04 • Solaris 7 with patch 107460-04 • Solaris 8
Host Bus Adapter	Ultra (differential) SCSI: <ul style="list-style-type: none"> • SBus: X1065A • PCI Bus: X6541A
System Configurations	<ul style="list-style-type: none"> • Two libraries per host system • Two drives per bus
Applications	<ul style="list-style-type: none"> • VERITAS NetBackup™ 3.2 plus patch 108261-01 or later • VERITAS Storage Migrator™ 3.2 or later • Solstice Backup™ 5.5.1 or later

TABLE 6 Supported Host System Configurations

Sun Enterprise™ Server	Maximum Number of Drives	Library/Libraries per System
E450	4	1
E3x00	8	1
E4x00	12	1
E5x00	12	1
E6x00	12	1
E10000	24	2

- These configurations are based on I/O slot availability and throughput considerations of each platform.
- These configurations assume all data flows through the specified server.
- These configurations will change if the drives are distributed between multiple hosts.
- Contact your Sun sales representative for alternative configuration information.

